Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
Data File : BF108009.D
Acq On : 8 Aug 2018 10:26
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Aug 08 11:36:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 11:29:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	270750	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1066132	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	561450	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	1132051	20.00	ng		0.00
75) Chrysene-d12	14.22	240	914320	20.00	ng		0.00
86) Perylene-d12	15.78	264	766663	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	1197580	72.15	ng		0.00
7) Phenol-d6	6.63	99	1582959	70.68	ng		0.00
23) Nitrobenzene-d5	7.58	82	1551979	76.16	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	475180	75.03	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2715943	67.80	ng		0.00
78) Terphenyl-d14	13.15	244	2804929	68.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	308580	38.106	ng	#	88
3) Pyridine	3.67	79	802422	36.425	ng	#	83
4) n-Nitrosodimethylamine	3.64	42	454596	40.966	ng	#	78
6) Aniline	6.68	93	1066840	36.463	ng		93
8) 2-Chlorophenol	6.80	128	680578	36.215	ng		96
9) Benzaldehyde	6.57	77	622652	44.062	ng		97
10) Phenol	6.64	94	812748	35.315	ng		88
11) bis(2-Chloroethyl)ether	6.75	93	668992	35.385	ng		92
12) 1,3-Dichlorobenzene	6.96	146	777079	35.537	ng		99
13) 1,4-Dichlorobenzene	7.04	146	791770	36.028	ng		97
14) 1,2-Dichlorobenzene	7.19	146	723418	35.213	ng		97
15) Benzyl Alcohol	7.15	79	685553	36.821	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1386683	36.342	ng		95
17) 2-Methylphenol	7.25	107	591923	37.069	ng		94
18) Hexachloroethane	7.53	117	284730	37.005	ng		95
19) n-Nitroso-di-n-propylamine	7.42	70	539651	34.703	ng	#	85
20) 3+4-Methylphenols	7.41	107	748122	35.755	ng		93
22) Acetophenone	7.42	105	999145	37.229	ng	#	92
24) Nitrobenzene	7.60	77	793918	36.961	ng		98
25) Isophorone	7.84	82	1456027	40.717	ng		98
26) 2-Nitrophenol	7.91	139	299877	35.598	ng		90
27) 2,4-Dimethylphenol	7.94	122	651218	40.736	ng		95
28) bis(2-Chloroethoxy)methane	8.04	93	852297	37.522	ng		99
29) 2,4-Dichlorophenol	8.15	162	611876	36.928	ng		97
30) 1,2,4-Trichlorobenzene	8.24	180	654288	35.499	ng		97
31) Naphthalene	8.32	128	1929124	37.811	ng		97
32) Benzoic acid	8.04	122	354022	33.894	ng		85
33) 4-Chloroaniline	8.37	127	856426	36.945	ng		96
34) Hexachlorobutadiene	8.44	225	417410	35.287	ng		99
35) Caprolactam	8.74	113	195725	35.997	ng	#	76
36) 4-Chloro-3-methylphenol	8.84	107	656810	36.723	ng		96
37) 2-Methylnaphthalene	9.01	142	1373502	39.616	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	692956	36.297	ng		98
40) Hexachlorocyclopentadiene	9.17	237	475607	43.472	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	446443	35.151	ng		98
43) 2,4,5-Trichlorophenol	9.32	196	497559	38.166	ng		95
45) 1,1'-Biphenyl	9.48	154	1646434	35.106	ng		98
46) 2-Chloronaphthalene	9.51	162	1304097	35.237	ng		98
47) 2-Nitroaniline	9.60	65	449828	37.259	ng		88
48) Acenaphthylene	9.93	152	2058345	37.715	ng		97
49) Dimethylphthalate	9.78	163	1552409	36.302	ng	#	98
50) 2,6-Dinitrotoluene	9.84	165	341963	37.257	ng		91
51) Acenaphthene	10.10	154	1263669	36.347	ng		98
52) 3-Nitroaniline	10.01	138	372398	36.109	ng		90
53) 2,4-Dinitrophenol	10.11	184	105939	37.769	ng	#	32
54) Dibenzofuran	10.27	168	1820216	35.735	ng		93
55) 4-Nitrophenol	10.15	139	278947	36.814	ng	#	77
56) 2,4-Dinitrotoluene	10.25	165	452805	39.127	ng	#	99
57) Fluorene	10.62	166	1431902	37.458	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	418892	38.406	ng		89
59) Diethylphthalate	10.48	149	1518408	35.859	ng		94
60) 4-Chlorophenyl-phenylether	10.61	204	760044	34.963	ng		90
61) 4-Nitroaniline	10.64	138	370922	37.498	ng		93
62) Azobenzene	10.77	77	1572868	36.198	ng		91
64) 4,6-Dinitro-2-methylphenol	10.65	198	163752	33.918	ng		92
65) n-Nitrosodiphenylamine	10.72	169	1338425	35.522	ng		97
66) 4-Bromophenyl-phenylether	11.10	248	492214	35.640	ng	#	82
67) Hexachlorobenzene	11.17	284	517687	35.219	ng	#	88
68) Atrazine	11.25	200	455858	37.749	ng		96
69) Pentachlorophenol	11.35	266	256698	28.836	ng		95
70) Phenanthrene	11.59	178	2080484	36.988	ng		97
71) Anthracene	11.64	178	2159966	37.132	ng		95
72) Carbazole	11.79	167	1926259	34.635	ng		96
73) Di-n-butylphthalate	12.11	149	2214458	34.457	ng	#	98
74) Fluoranthene	12.78	202	2288177	36.154	ng		94
76) Benzidine	12.90	184	1443901	42.157	ng		95
77) Pyrene	13.01	202	2292570	36.460	ng		94
79) Butylbenzylphthalate	13.62	149	981116	37.182	ng		93
80) Benzo(a)anthracene	14.21	228	2101403	38.189	ng		97
81) 3,3'-Dichlorobenzidine	14.17	252	799054	37.542	ng	#	95
82) Chrysene	14.24	228	1916045	37.327	ng		96
83) Bis(2-ethylhexyl)phthalate	14.18	149	1299255	36.489	ng	#	96
84) Di-n-octyl phthalate	14.80	149	2026381	37.463	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.39	276	1637581	37.769	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	1925023	42.114	ng		96
88) Benzo(k)fluoranthene	15.34	252	1644603	36.996	ng	#	95
89) Benzo(a)pyrene	15.71	252	1671972	40.127	ng		97
90) Dibenzo(a,h)anthracene	17.42	278	1365588	39.118	ng	#	92
91) Benzo(g,h,i)perylene	17.89	276	1323483	39.149	ng	#	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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